Most Frequently Occurring Classifications of Patents Returned From A PLUS Search of 09/816,447 on May 29, 2002

Original Classifications

5 136/244
3 324/558
2 136/246

Cross-Reference Classifications

5 136/291
4 136/292
3 126/585
3 126/704
3 136/244
3 136/245
3 136/251
3 136/290
3 136/293
3 244/173
3 323/906
2 126/609
2 126/629
2 126/638
2 126/651
2 126/663
2 126/674
2 126/684
2 136/259
2 137/533.11
2 236/93R
2 324/544

Combined Classifications

8 136/244
5 136/291
4 136/245
4 136/292
4 244/173
3 126/585
3 126/651
3 126/704
3 136/246
3 136/251
3 136/290
3 136/293
3 323/906
3 324/558
2 49/63
2 126/584
2 126/609
2 126/629
2 126/638
2 126/663
2 126/674
2 126/684
2 126/700
2 136/259
2 137/533.11
2 236/93R
2 320/101
2 324/501
2 324/544
2 324/752
2 324/765
2 438/67

Titles of Most Frequently Occurring Classifications of Patents Returned From A PLUS Search of 09/816,447 on May 29, 2002

8 136/244 (5 OR, 3 XR)
Class 136: BATTERIES: THERMOELECTRIC AND PHOTOELECTRIC
136/243 PHOTOELECTRIC
136/244 .Panel or array

5 136/291 (0 OR, 5 XR)
Class 136: BATTERIES: THERMOELECTRIC AND PHOTOELECTRIC
136/291 APPLICATIONS

4 136/245 (1 OR, 3 XR)
Class 136: BATTERIES: THERMOELECTRIC AND PHOTOELECTRIC
136/243 PHOTOELECTRIC
136/244 .Panel or array
136/245 ..Lightweight and collapsible or foldable

4 136/292 (0 OR, 4 XR)
Class 136: BATTERIES: THERMOELECTRIC AND PHOTOELECTRIC
136/291 APPLICATIONS
136/292 .Space - satellite

4 244/173 (1 OR, 3 XR)
Class 244: AERONAUTICS
244/158R SPACECRAFT
244/173 .With solar panel

3 126/585 (0 OR, 3 XR)
Class 126: STOVES AND FURNACES
126/569 SOLAR HEAT COLLECTOR
126/572 .With control means energized in response to actuator stimulated by condition sensor
126/583 ..Of fluent medium
126/585 ...Temperature responsive

3 126/651 (1 OR, 2 XR)
Class 126: STOVES AND FURNACES
126/569 SOLAR HEAT COLLECTOR
126/634 .With means to convey fluent medium through collector
126/651 ..Conduit absorber structure

3 126/704 (0 OR, 3 XR)
Class 126: STOVES AND FURNACES
126/569 SOLAR HEAT COLLECTOR
126/704 .Collector housing

3 136/246 (2 OR, 1 XR)
Class 136: BATTERIES: THERMOELECTRIC AND PHOTOELECTRIC
136/243 PHOTOELECTRIC
136/244 .Panel or array
136/246 ..With concentrator, orientator, reflector, or cooling means

Titles of Most Frequently Occurring Classifications of Patents Returned From A PLUS Search of 09/816,447 on May 29, 2002

3 136/251 (0 OR, 3 XR)
Class 136: BATTERIES: THERMOELECTRIC AND PHOTOELECTRIC
136/243 PHOTOELECTRIC
136/244 .Panel or array
136/251 ..Encapsulated or with housing

3 136/290 (0 OR, 3 XR)
Class 136: BATTERIES: THERMOELECTRIC AND PHOTOELECTRIC
136/290 TESTING, CALIBRATING, TREATING (E.G., AGING, ETC.)

3 136/293 (0 OR, 3 XR)
Class 136: BATTERIES: THERMOELECTRIC AND PHOTOELECTRIC
136/291 APPLICATIONS
136/293 .Circuits

3 323/906 (0 OR, 3 XR)
Class 323 : ELECTRICITY: POWER SUPPLY OR REGULATION SYSTEMS
323/906 SOLAR CELL SYSTEMS

3 324/558 (3 OR, 0 XR)
Class 324: ELECTRICITY: MEASURING AND TESTING
324/557 FOR INSULATION FAULT OF NONCIRCUIT ELEMENTS
324/558 .Where element moves while under test

2 49/63 (1 OR, 1 XR)
Class 049: MOVABLE OR REMOVABLE CLOSURES
49/61 FACIALLY OPPOSED PRIMARY AND AUXILIARY CLOSURE FOR COMMON OPENING
49/63 .Auxiliary mounted for movement

2 126/584 (1 OR, 1 XR)
Class 126: STOVES AND FURNACES
126/569 SOLAR HEAT COLLECTOR
126/572 .With control means energized in response to actuator stimulated by condition sensor
126/583 ..Of fluent medium
126/584 ...Pressure responsive

2 126/609 (0 OR, 2 XR)
Class 126: STOVES AND FURNACES
126/569 SOLAR HEAT COLLECTOR
126/609 .With auxiliary heat source for fluent medium

2 126/629 (0 OR, 2 XR)
Class 126: STOVES AND FURNACES
126/569 SOLAR HEAT COLLECTOR
126/628 .Including means to utilize fluent medium from collector to heat interior of building
126/629 ..With device to circulate air from room of building through collector

Titles of Most Frequently Occurring Classifications of Patents Returned From A PLUS Search of 09/816,447 on May 29, 2002

2 126/638 (0 OR, 2 XR)
Class 126: STOVES AND FURNACES
126/569 SOLAR HEAT COLLECTOR
126/634 .With means to convey fluent medium through collector
126/638 ..Thermosyphonic fluid circulation

2 126/663 (0 OR, 2 XR)
Class 126: STOVES AND FURNACES
126/569 SOLAR HEAT COLLECTOR
126/634 .With means to convey fluent medium through collector
126/651 ..Conduit absorber structure
126/663 ...Plural conduits

2 126/674 (0 OR, 2 XR)
Class 126: STOVES AND FURNACES
126/569 SOLAR HEAT COLLECTOR
126/634 .With means to convey fluent medium through collector
126/651 ..Conduit absorber structure
126/674 ...Absorber having extended surface

2 126/684 (0 OR, 2 XR)
Class 126: STOVES AND FURNACES
126/569 SOLAR HEAT COLLECTOR
126/684 .With concentrating reflector

2 126/700 (1 OR, 1 XR)
Class 126: STOVES AND FURNACES
126/569 SOLAR HEAT COLLECTOR
126/698 .With concentrating lens
126/700 ..Lens support

2 136/259 (0 OR, 2 XR)
Class 136: BATTERIES: THERMOELECTRIC AND PHOTOELECTRIC
136/243 PHOTOELECTRIC
136/252 .Cells
136/259 ..With concentrator, housing, cooling means, or encapsulated

2 137/533.11 (0 OR, 2 XR)
Class 137: FLUID HANDLING
137/455 LINE CONDITION CHANGE RESPONSIVE VALVES
137/511 .Direct response valves (i.e., check valve type)
137/528 ..Reciprocating valves
137/532 ...Weight biased
137/533 ....Valve body is the weight
137/533.11 .....Ball valves

Titles of Most Frequently Occurring Classifications of Patents Returned From A PLUS Search of 09/816,447 on May 29, 2002

2 236/93R (0 OR, 2 XR)
Class 236: AUTOMATIC TEMPERATURE AND HUMIDITY REGULATION
236/67 MOTORS
236/93R .In fluid controlled

2 320/101 (1 OR, 1 XR)
Class 320: ELECTRICITY: BATTERY OR CAPACITOR CHARGING OR DISCHARGING
320/101 WIND, SOLAR, THERMAL, OR FUEL-CELL SOURCE

2 324/501 (1 OR, 1 XR)
Class 324: ELECTRICITY: MEASURING AND TESTING
324/500 FAULT DETECTING IN ELECTRIC CIRCUITS AND OF ELECTRIC COMPONENTS
324/501 .Using radiant energy

2 324/544 (0 OR, 2 XR)
Class 324: ELECTRICITY: MEASURING AND TESTING
324/500 FAULT DETECTING IN ELECTRIC CIRCUITS AND OF ELECTRIC COMPONENTS
324/537 .Of individual circuit component or element
324/543 ..Single conductor cable
324/544 ...For insulation fault

2 324/752 (1 OR, 1 XR)
Class 324: ELECTRICITY: MEASURING AND TESTING
324/500 FAULT DETECTING IN ELECTRIC CIRCUITS AND OF ELECTRIC COMPONENTS
324/537 .Of individual circuit component or element
324/750 ..System sensing fields adjacent device under test (DUT)
324/752 ...Using light probe

2 324/765 (1 OR, 1 XR)
Class 324: ELECTRICITY: MEASURING AND TESTING
324/500 FAULT DETECTING IN ELECTRIC CIRCUITS AND OF ELECTRIC COMPONENTS
324/537 .Of individual circuit component or element
324/765 ..Test of semiconductor device

2 438/67 (1 OR, 1 XR)
Class 438: SEMICONDUCTOR DEVICE MANUFACTURING: PROCESS
438/51 ..Packaging (e.g., with mounting, encapsulating, etc.) or treatment of packaged semiconductor
438/57 .Responsive to electromagnetic radiation
438/64 ..Packaging (e.g., with mounting, encapsulating, etc.) or treatment of packaged semiconductor
438/66 ...Plural responsive devices (e.g., array, etc.)
438/67 ....Assembly of plural semiconductor substrates

List of Patents R turned in Closeness Factor Order from a PLUS Search of 09/816,447 on May 29, 2002

Patent No.	Closeness Factor
6,304,243	67
4,431,152	61
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5,026,468	58
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5,214,595	58
4,384,259	58
4,478,210	58
4,397,305	58
4,409,959	58
4,413,615	58
4,604,494	58
4,106,482	57
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6,218,605	57
6,317,248	57
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4,307,710	57
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4,244,354	56
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4,435,919	56
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5,513,075	56
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5,519,324	54
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